

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program - Recovery

Section 1A

Date of Report: 09/07/2005

DSR Number: 109-05-01 K Project Number: 01

NRCS Entry Only

Eligible: YES ☐ NO ☐

Approved: YES ☐ NO ☐

Funding Priority Number (from Section 4)

Limited Resource Area: YES ☐ NO ☐

Section 1B Sponsor Information

Sponsor Name: Terrebonne Parish Government

Address: P.O. Box 2768

City/State/Zip: Houma, LA 70361

Telephone Number: (985) 873-6841

Fax: (985) 873-6874

Section 1C Site Location Information

County: Terrebonne

State: LA

Congressional District: 3rd

Latitude: N29 35min.50

Longitude: W90 43min26.5

Section: Township: 16 south Range: R17 east

UTM Coordinates:

Drainage Name: Bayou Terrebonne

Reach:

Damage Description: Fallen trees and debris in Bayou Terrebonne from Schriever, LA to Houma, LA.

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Recovery measures would be for runoff retardation or soil erosion prevention?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Threat to life and/or property?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Event caused a sudden impairment in the watershed?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Imminent threat was created by this event?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For structural repairs, not repaired twice within ten years?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	<input type="checkbox"/>	<input type="checkbox"/>	
Proposed action technically viable? (Go to Page 9 ***)	<input type="checkbox"/>	<input type="checkbox"/>	

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments:

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Remove Debris from Bayou and Dispose.

Total installation cost identified in this DSR: Section 3: \$ 160,000.00

Section 1F NRCS State Office Review and Approval

Reviewed By: _____ Date Reviewed: _____
State EWP Program Manager

Approved By: _____ Date Approved: _____
State Conservationist

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95-334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief of NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies, IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotope, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Remove Debris and fallen Trees		same
		2D Effects of Alternatives		
Soil				
Water				
Downstream water rights	N/A			
Turbidity	Increasing turbidity SVAP=2.5	SVAP= 4.0	SVAP= 2.5	SVAP= 4.0
Petroleum products	N/A	short term increase	N/A	short term increase
Air				
PM-10	Attainment	short term during removal	no effect	short term during removal
Plant				
Trees	Fallen and leaning in Channel	Removal of fallen trees and debris for new growth	decay	same as proposed action
Animal				
F&W Habitat	Increased water Temp.	will benefit F&W in long term	Increased water Temp	short-term benefit
F&W Food	Increased structure in water		Increase foraging structure	
Other				

Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA Permit is needed	CWA permit	no permit needed	CWA permit
Coastal Zone Management Areas	N/A			
Coral Reefs	N/A			
Cultural Resources				
Endangered and Threatened Species	N/A			
Environmental Justice	N/A			
Essential Fish Habitat	none present			
Fish and Wildlife Coordination	stream modification consultation will be required	FWS reference	N/A	FWS Reference
Floodplain Management	Area includes miles in 100yr. Floodplain	Improve functionality	Improve Functionality	Improve Functionality
Invasive Species	N/A			
Migratory Birds	Occasional migrants	no net effects	no net effects	no net effects
Natural Areas	none present			
Prime and Unique Farmlands	none present			
Riparian Areas	N/A			
Scenic Beauty	N/A			
Wetlands	N/A			
Wild and Scenic Rivers	N/A			

Completed By: Kris Davis

Date: 09/09/2005

DSR NO: 109-05-01

Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages (\$)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
432 Houses	30,185,136.00	25	7,546,284.00
303 Business	66,660,000.00	25	16,665,000.00
Properties Protected (Public)			
8 Schools	8,000,000.00	25	2,000,000.00
1 Post Office	400,000.00	25	100,000.00
1 Fire Station	2,000,000.00	25.00	500,000.00
2 Nursing Homes	2,000,000.00	25	500,000.00
Business Losses			
303 Business	3,030,000.00	25	757,500.00
Other			
8 Churches	2,400,000.00	25	600,000.00
2 Cemetery	400,000.00	25	100,000.00
Total Near Term Damage Reduction \$			28,768,784.00
Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)			28,768,784.00

Completed By: Michael Trusclair

Date: 09/09/2005

109-05-01

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there the potential for loss of life due to damages from the watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	High risk of severe flooding in some areas.
Has access to a hospital or medical facility been impaired by watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Access to parish medical facility may be impeded if flooding occurs.
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Completed By: Michael Trusclair

Date: 09/09/2005

DSR NO: _____
109-05-01

Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	0
American Indian/Alaska Native Female Non-Hispanic	21
American Indian/Alaska Native Male Hispanic	0
American Indian/Alaska Native Male Non-Hispanic	19
Asian Female Hispanic	0
Asian Female Non-Hispanic	5
Asian Male Hispanic	0
Asian Male Non-Hispanic	4
Black or African American Female Hispanic	0
Black or African American Female Non-Hispanic	192
Black or African American Male Hispanic	0
Black or African American Male Non-Hispanic	181
Hawaiian Native/Pacific Islander Female Hispanic	0
Hawaiian Native/Pacific Islander Female Non-Hispanic	1
Hawaiian Native/Pacific Islander Male Hispanic	0
Hawaiian Native/Pacific Islander Male Non-Hispanic	1
White Female Hispanic	43
White Female Non-Hispanic	696
White Male Hispanic	40
White Male Non-Hispanic	642
Total Group	1817

Census tract(s) _____

Completed By: Michael Trusclair Date: 09/09/2005

Terrebonne Parish

Resident	432
Business	303
Churches	8
Schools	8
Cemetery	2
Nursing Homes	2

Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

CWA permit will be obtain by sponsor. Water Quality permit and (CUP if applicable).

Mitigation Description:

Minimize impacts of riparian buffer areas by working within the stream channel.

Agencies, persons, and references consulted, or to be consulted:

USFWS
Terrebonne Parish Government
Houma City Council
Army COE

DSR NO: 109-05-01

Section 3 Engineering Cost Estimate

Completed By: Dale Garber

Date: 09/09/2005

This section must be completed by each alternative considered (attach additional sheets as necessary).

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost (\$)	Amount (\$)
Mobilization	1	LS	20,000.00	20,000.00
Debris removal	4000	CY	30.00	120,000.00
Debris Disposal	4,000	CY	3.00	12,000.00
Traffic control	1	LS	8,000.00	8,000.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
Total Installation Cost (Enter in Section 1F)\$				160,000.00

Unit Abbreviations:

AC Acre
CY Cubic Yard
EA Each
HR Hour
LF Linear Feet

LS Lump Sum
SF Square Feet
SY Square Yard
TN Ton
Other (Specify)

DSR NO: 109-05-01

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2. Is this a site where there is serious, but not immediate threat to human life?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
4. Is this site a funding priority established by the NRCS Chief?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
e. Will the proposed action or alternatives maintain or improve current water quality conditions?				
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 109-05-01

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

- ☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2.
Chapter 5.2.2.2.1.
Chapter _____
Chapter _____
Chapter _____

_____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: Michael Trusclair
District Conservationist

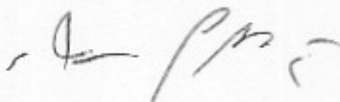
Date: 09/09/2005

Section 5B Comments:

Section 5C

Sponsor Concurrence:

Sponsor Representative



Title: ENGINEERING ANALYST

Date: _____

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

DSR NO: 109-05-01

Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1F):

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

- ☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter 5.2.2.2.1
Chapter _____
Chapter _____
Chapter _____

_____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: District Conservationist Michael Trusclair

Date: 09/09/2005

Section 5B Comments:

Section 5C

Sponsor Concurrence:

Sponsor Representative

Title: _____

Date: _____

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

DSR NO: 109-05-01

Section 3 Engineering Cost Estimate

Completed By: Dale GarberDate: 9/9/05

This section must be completed by each alternative considered (attach additional sheets as necessary).

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost (\$)	Amount (\$)
MOBILIZATION	1	LS	\$ 20,000.00	\$20,000.00
DEBRIS REMOVAL	4000	CY	\$30.00	120,000.00
DEBRIS DISPOSAL	4000	CY	\$ 3.00	12,000.00
TRAFFIC CONTROL	1	LS	\$8000.00	8,000.00
Total Installation Cost (Enter in Section 1F) \$				160,000

Unit Abbreviations:

AC Acre
CY Cubic Yard
EA Each
HR Hour
LF Linear Feet

LS Lump Sum
SF Square Feet
SY Square Yard
TN Ton
Other (Specify)

DEBRIS DISPOSAL @ RIVER BIRCH LANDFILL AVONDALE

DSR NO: 109-05-01

Section 3 Engineering Cost Estimate

Completed By: D. GARBER

Date: 9/9/05

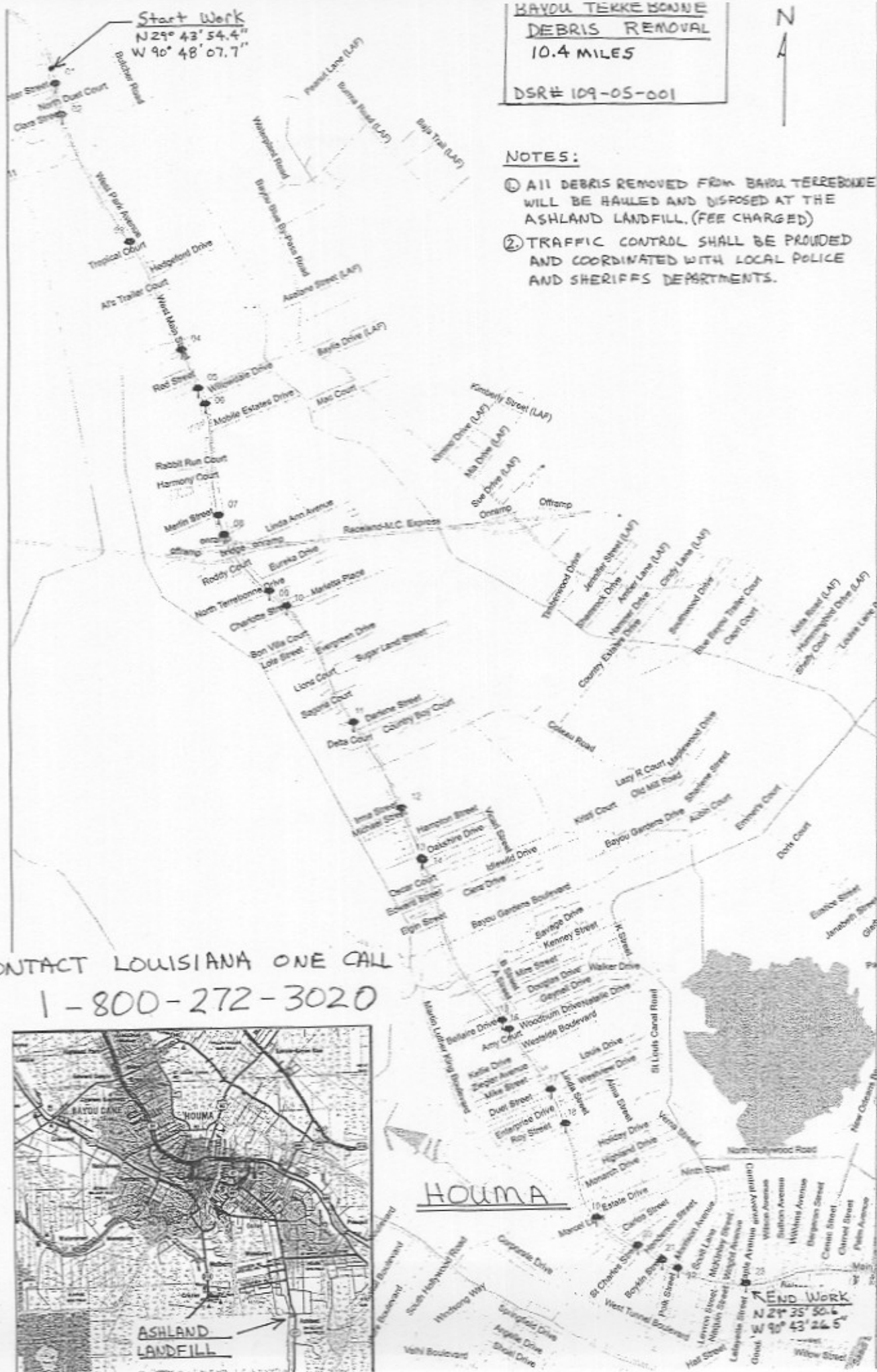
This section must be completed by each alternative considered (attach additional sheets as necessary).

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost (\$)	Amount (\$)
MOBILIZATION	1	LS	\$30,000.00	\$30,000.00
DEBRIS REMOVAL	4000	CY	\$30.00	120,000.00
DEBRIS DISPOSAL @ AVONDALE	4000	CY	\$10.00	40,000.00
TRAFFIC CONTROL	1	LS	\$8,000.00	8,000.00
Total Installation Cost (Enter in Section 1F) \$				\$198,000.00

Unit Abbreviations:

AC Acre
CY Cubic Yard
EA Each
HR Hour
LF Linear Feet

LS Lump Sum
SF Square Feet
SY Square Yard
TN Ton
Other (Specify)



**BAYOU TERRE BONNE
DEBRIS REMOVAL
10.4 MILES**

DSR# 109-05-001

NOTES:

- ① ALL DEBRIS REMOVED FROM BAYOU TERRE BONNE WILL BE HAULED AND DISPOSED AT THE ASHLAND LANDFILL. (FEE CHARGED)
- ② TRAFFIC CONTROL SHALL BE PROVIDED AND COORDINATED WITH LOCAL POLICE AND SHERIFFS DEPARTMENTS.

CONTACT LOUISIANA ONE CALL
1-800-272-3020



HOUMA

END WORK
N 29° 35' 50.6"
W 90° 43' 26.5"

NOTICE
48 HOURS BEFORE DIGGING
CALL 1-800-272-3020
TO LOCATE UTILITY LINES

TYPICAL CHANNEL DEBRIS REMOVAL

DEBRIS REMOVAL LIMITS

CHANNEL WIDTH VARIES

DESIGNED: W. K. HANCOCK DRAWN: G. BURNS CHECKED: C. LAFLEUR		DATE: 02/03 DATE: 03/03 DATE: 03/03		APPROVED BY: J. L. BROWN TITLE: SWP OPERATOR DEPT. TITLE:		DATE: 02/03 DATE:	
U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE							

48 HOIGGING
CA-3020
TO Lf LINES

TYPICAL BRIDGE/CHANNEL DEBRIS REMOVAL

DEBRIS REMOVAL LIMITS
WORKING LIMITS



N.T.S.

DESIGNED BY
DRAWN BY
CHECKED BY
DATE
PROJECT NO.

REVISION	DATE	BY	DESCRIPTION

TYPICAL-BRIDGE/CHANNEL DEBRIS REMOVAL

U.S. DEPARTMENT OF AGRICULTURE • NATURAL RESOURCES CONSERVATION SERVICE

Designed	W. KENNEDY	Date	02/03	Approved by	L. J. JENSEN	Date	02/03
Drawn	C. BURNS	Date	02/03	Title	DESIGNER/ENGINEER		
Traced							
Checked	C. LAFLEUR	Date	02/03	Title			